



Charles D. Baker, Governor  
Karyn E. Polito, Lieutenant Governor  
Jamey Tesler, Secretary & CEO  
Jonathan L. Gulliver, Highway Administrator



May 6, 2022

Project No. 607670

**ADDENDUM NO. 1**

To Prospective Proposers and Others on:

**BOSTON - SOMERVILLE**  
**Superstructure Replacement, B-16-067 (3GV) Maffa Way & B-16-068=S-17-028 (3GW)**  
**Mystic Avenue over Orange & MBTA/BMRR**  
**Design-Build Project**

STATEMENTS OF QUALIFICATIONS DUE:

Tuesday, May 31, 2022 @ 12:00 PM

Transmitting the following revisions to the documents:

ATTACHMENTS:

|                                     |          |
|-------------------------------------|----------|
| Responses to Proposers Questions    | 1 Page   |
| 050322 RFQ Briefing Presentation    | 30 Pages |
| 050322 RFQ Briefing Attendance List | 1 Page   |

Please take note of the above materials and attach only this cover letter of Addendum No. 1 to your Statement of Qualifications before submitting your proposal. Note addendum materials do not count toward any page limitations.

After receiving this addendum, please acknowledge its receipt to [massdot specifications@dot.state.ma.us](mailto:massdot specifications@dot.state.ma.us). Please include the following statement: "607670 BOSTON - SOMERVILLE RFQ Addendum No. 1 Received".

Very truly yours,

Eric M. Cardone Digitally signed by Eric M. Cardone  
Date: 2022.05.06 15:30:44 -04'00'

Eric Cardone, P.E.  
Construction Contracts Engineer

EMC\mac  
cc: Alwin Ramirez, Project Manager

Ten Park Plaza, Suite 4160, Boston, MA 02116  
Tel: 857-368-4636, TTY: 857-368-0655  
[www.mass.gov/massdot](http://www.mass.gov/massdot)

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**BOSTON - SOMERVILLE**  
**Superstructure Replacement, B-16-067 (3GV) Maffa Way & B-16-068=S-17-028 (3GW)**  
**Mystic Avenue over Orange & MBTA/BMRR**  
Design-Build Project

RFQ - Responses to Proposers Questions

Addendum No. 1, May 6, 2022

Q1) Recent MassDOT design build DRAFT Subcontracts, provided with RFP documents, have included language in Section 18.1-Professional Liability Insurance that would necessitate design builders procuring a project specific policy for this coverage. As this can have an effect on contractual arrangements with design partners, we request that the Department provide a copy of the Professional Liability Insurance language that is anticipated to be included in the DRAFT Subcontract for this Maffa Way/Mystic Ave. project.

R1) *This question will be answered in a future addendum. (A-1)*

Q2) Please clarify if Exhibit A-MassDOT Disclosure Form Organizational Conflicts of Interest is to be submitted with the Statement of Qualifications. It was stated in the Mandatory Preproposal Meeting that this Disclosure Form is to be included, however the RFQ provides two options, a Form or a written certification that none exists is to be provided.

R2) *This question will be answered in a future addendum. (A-1)*

Q3) In order to provide a team that has the expertise in all applicable work scopes, please provide some additional detail on the work scopes associated with MBTA Power.

R3) *The proposed MBTA power work is expected to include the following:*

- 1. Civil work including new manholes, modifications to existing manholes, buried and bridge-supported conduit, and manhole penetrations,*
- 2. Furnishing and installing 250 EPR cable, including transition splices,*
- 3. Furnishing and installing stress cones, and*
- 4. Routing cable to the MBTA substation southeast of Maffa Way Bridge for connection to the AC switchgear cubicle, including cubicle modifications as needed.*

*MBTA will oversee the work and will cut and restore power to facilitate the transition from existing to proposed facilities. (A-1)*

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# RFQ Briefing

*Maffa Way & Mystic Ave. over MBTA  
Orange Line and Commuter Rail*

*Bridges Nos. B-16-067 and  
B-16-068=S-17-028*

Tuesday, May 3, 2022

Project File No. 607670

# Introductions

## MassDOT - Highway Division

- Project Manager – Alwin Ramirez
- Design-Build Project Manager – Susan Harrington
- Manager of Alternative Procurement/Delivery – Murthy Kolla
- Director of Major Projects – Mike O'Dowd

## Preliminary Design Team

- Pare Corporation, City Point Partners, GPI



## Agenda

- Project Purpose
- Project Location
- Existing Conditions
- Proposed Work
- Environmental Considerations
- Right of Way Considerations
- RFO Highlights
- Timeline & Next Steps
- Questions & Answers





## Project Purpose



## Project Purpose

“The purpose of this project is to improve public safety and promote mobility for pedestrians, cyclists, public transportation, and vehicles.”

## Project Goals

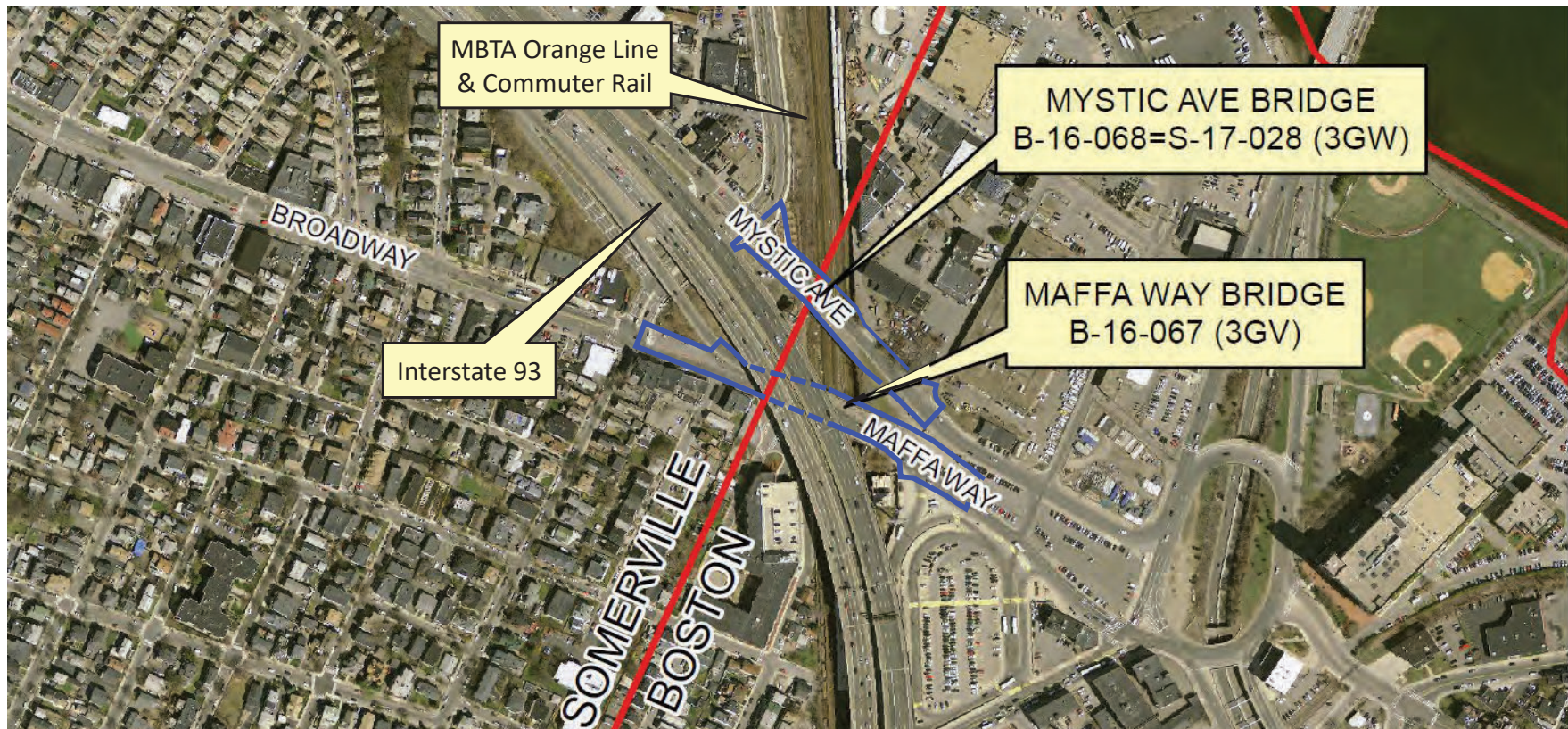
- Address Structural Deficiencies
  - Replace two bridge superstructures with new code compliant and low-maintenance bridges
  - Modify existing piers and abutments
- Address Traffic Capacity and Multimodal Accessibility
  - Maintain general purpose travel lanes on each bridge
  - Provide separate bicycle accommodations
  - Improve sidewalks
  - Maintain the existing bus lane on Maffa Way
- Integrate with Future Projects
  - Rutherford Avenue improvements
  - One Mystic development
  - Assembly Square improvements



## Project Location



## Project Location







## Existing Conditions

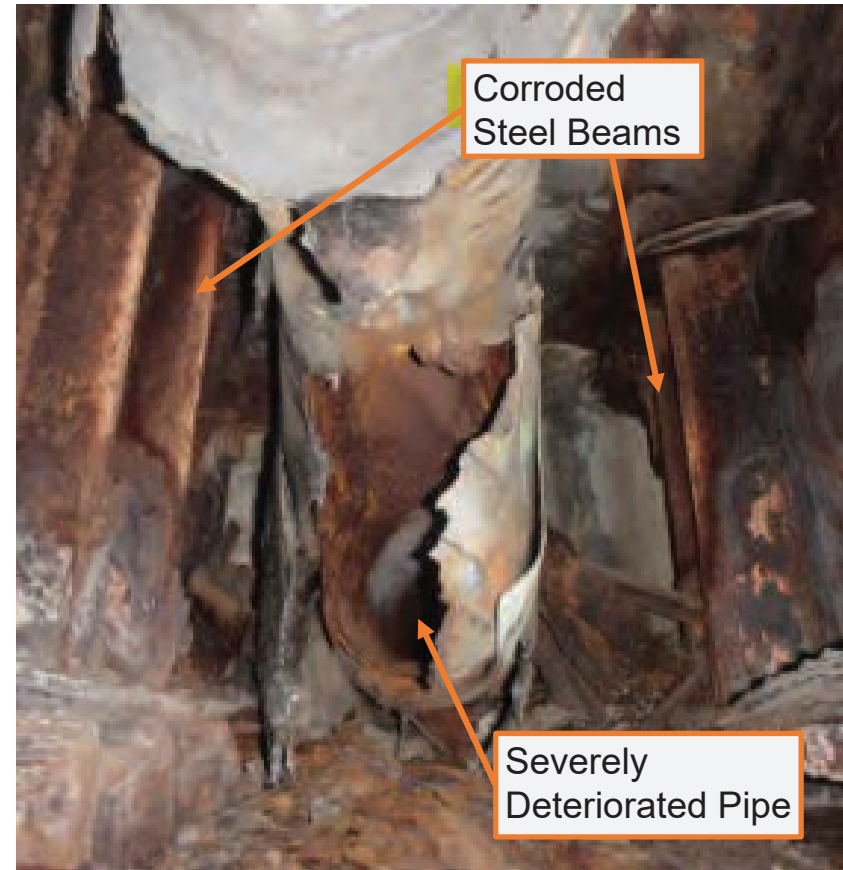
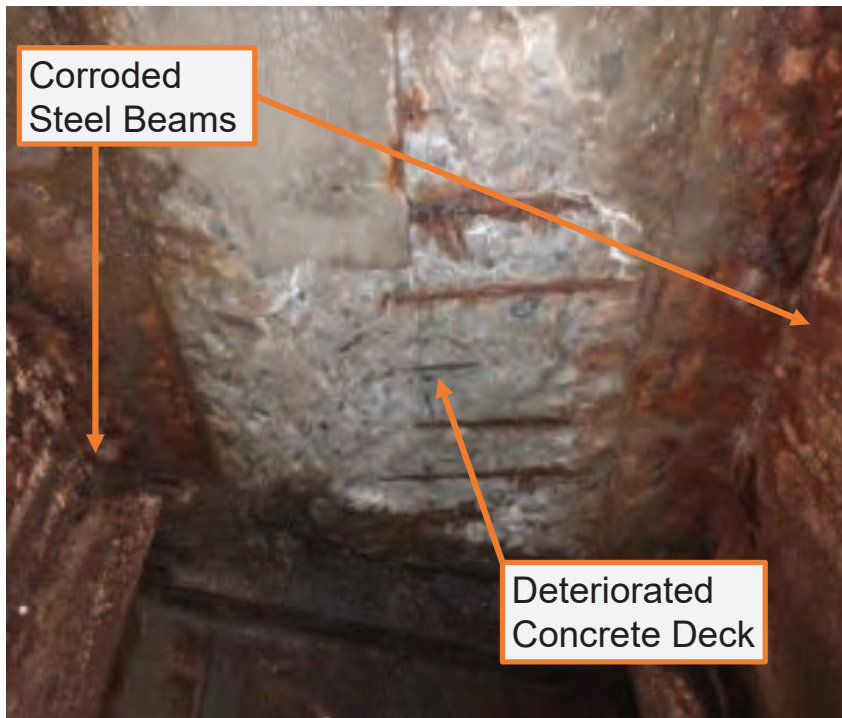
## Birds-Eye View





## Existing Issues

- Bridges are Structurally Deficient



## Existing Issues

- Pedestrian and Bicycle Safety
  - Lack of bicycle accommodations across both bridges.
  - Inadequate pedestrian accommodations for new and proposed development in Sullivan Square and Assembly Square.







# Proposed Work

## Project Elements

### Bridge Improvements

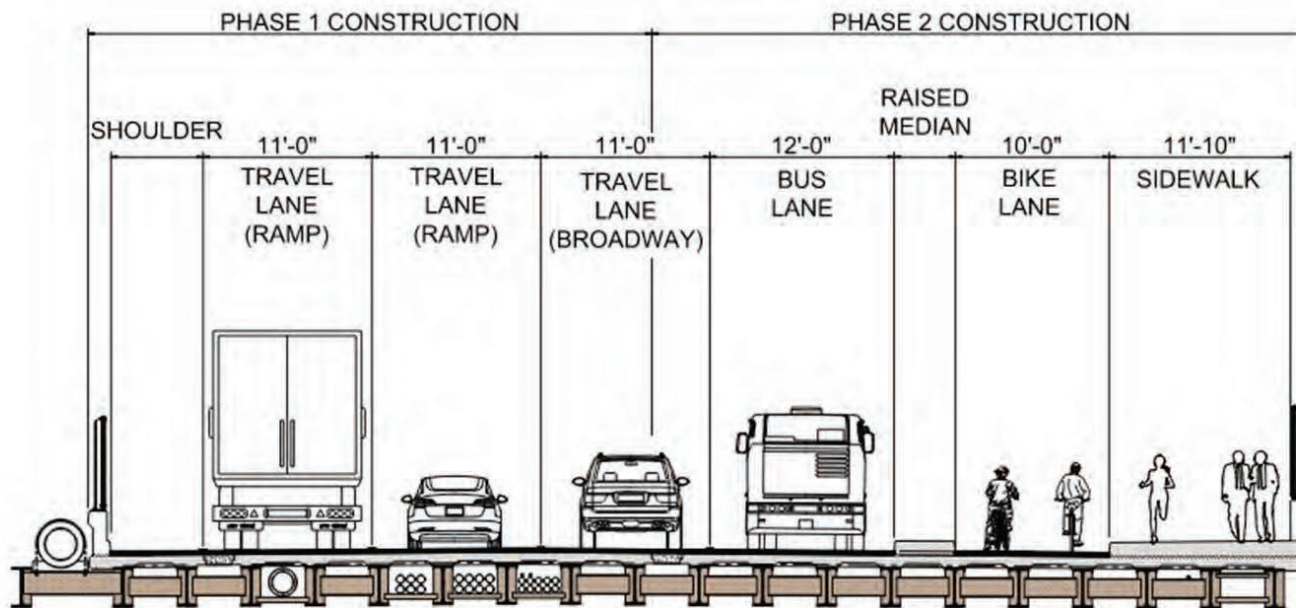
- Replacement of two bridge superstructures
- Substructure stabilization and modifications
- Maintain existing clearances for train traffic
- Construction below Interstate 93

### Roadway Improvements

- Dedicated bike lane on Maffa Way Bridge
- Dedicated bus lane on Maffa Way Bridge
- Receiving lanes on Maffa Way Bridge for I-93 Ramp
- Shared-use sidewalk on Mystic Avenue Bridge
- Signal and lighting
- Ties into proposed Rutherford Avenue/Sullivan Square Improvements

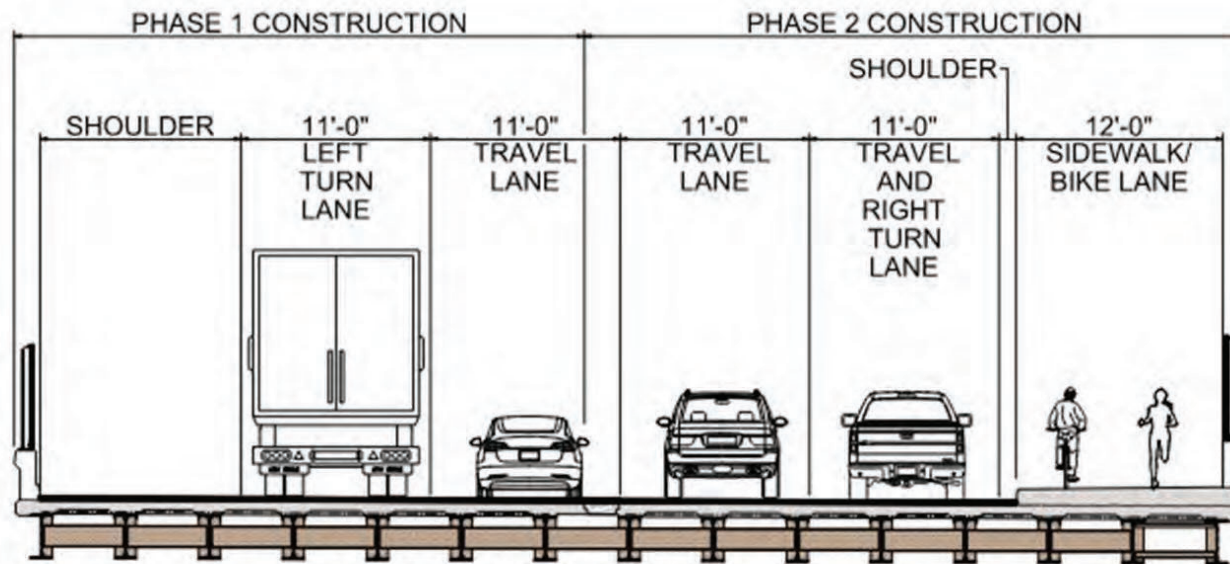
## Proposed Bridge Section - Maffa Way (One Way – Eastbound)

- Integrate separate 10-foot wide two-way bike lane and 11'-10" wide sidewalk.
- Provide dedicated bus lane and receiving lanes for I-93 ramp.



## Proposed Bridge Section – Mystic Avenue (One Way – Westbound)

- Incorporate a 12-foot shared use facility.
- Maintain turn lanes for capacity demand.





## Other Project Elements

### MBTA

- Work within MBTA Right of Way
- Coordination with MBTA and Keolis (Commuter Rail, Pan Am Railways, and Amtrak)

### Utilities

- Utility relocations across Maffa Way Bridge
  - Design Builder responsible for relocation: water and MBTA power facilities.
  - Utility company responsible for relocation: gas, electric, and communications.
  - Utilities will be relocated to north side of structure during phased construction.

### Coordination

- Cities of Boston and Somerville
- Private development adjacent to Mystic Avenue Bridge

### Laydown and Staging Areas

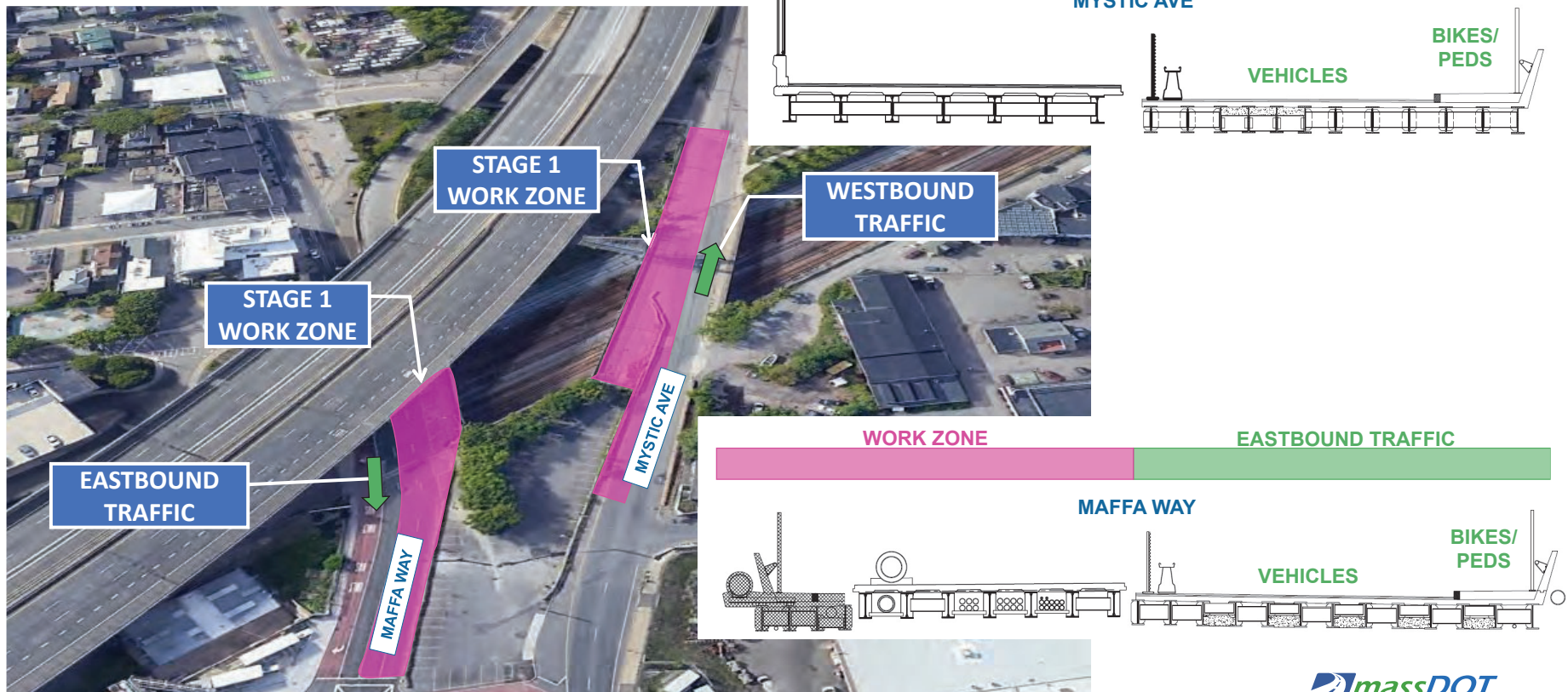
- Design-Builder is responsible for securing their own laydown and staging areas.

### Traffic Management

- Phased construction
- Maintain two travel lanes and sidewalks across both bridges.

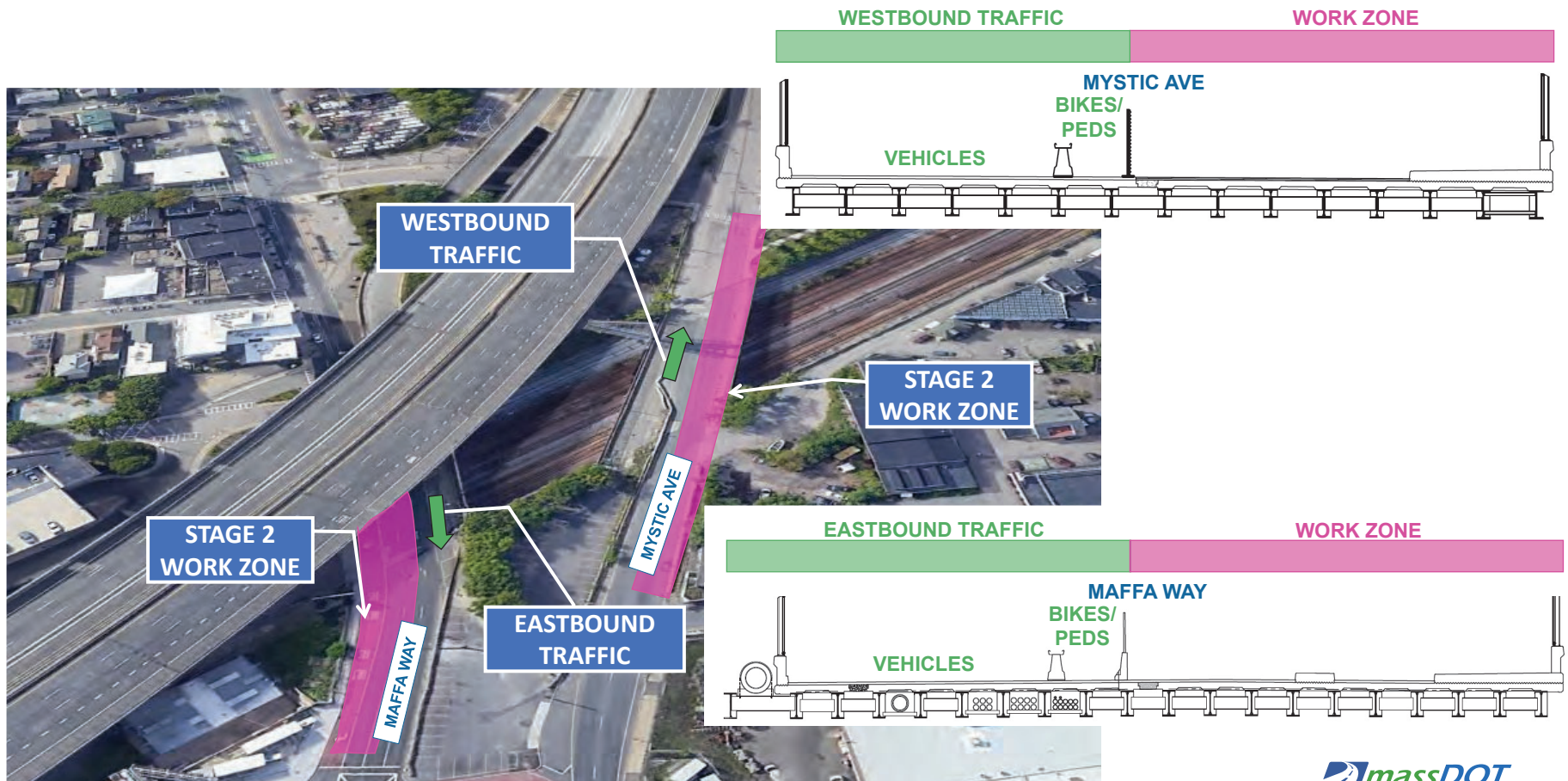
## Construction Stage 1

Maintain westbound traffic, pedestrians, and bicycles on north side of Mystic Ave. and eastbound traffic, pedestrians, and bicycles on south side of Maffa Way.



## Construction Stage 2

Maintain westbound traffic, pedestrians, and bicycles on south side of Mystic Ave. and eastbound traffic, pedestrians, and bicycles on north side of Maffa Way.







# Environmental Considerations



## Environmental Considerations

- National Environmental Policy Act (NEPA) – Federal Highway Administration/MassDOT – DOT will provide the Categorical Exclusion (CE) with the RFP.
- Project is not currently within any wetland resources.
- A Soil Characterization Program revealed no reportable conditions. However, contingency items will cover testing, handling, and disposal of contaminated materials should they be uncovered during construction.



## Right of Way Considerations

## Right of Way Considerations

- DOT will provide the Right of Way Certification at NTP.
- City of Boston
  - 1,022 SF of Temporary Easements and a 2 SF Taking from a private parcel
  - 11,927 SF of Permanent and Temporary Easements from MBTA
  - 484 SF of Temporary Easements and a 290 SF of Taking from the City of Boston
- City of Somerville
  - 44 SF Permanent Easement from MBTA



# RFQ Highlights



## RFQ Highlights

### Key personnel

- RFQ Section 4.2.5
- Public Outreach Coordinator
- Railroad Coordinator

### Relevant experience

- Bridge Construction
- MBTA and railroad coordination
- Utility coordination and relocation

### SOQ Submission Requirements

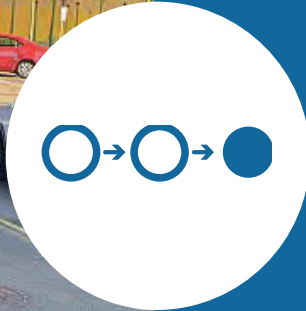
- RFQ Section 4.1
- RFQ Section 4.2
- Request a secured link from MassDOT  
72 hours in advance of the SOQ due date.

### SOQ Evaluation Criteria

- RFQ Section 5.1

### Conflict of Interest

- RFQ Section 4.9.8
  - Criteria/Determination
  - Process for determination
  - Complete Exhibit A in Appendix E and submit to [Narayana.kolla@state.ma.us](mailto:Narayana.kolla@state.ma.us)



## Timeline & Next Steps

## Timeline - Schedule of Events

- RFQ Issued - April 26, 2022
- ★ • RFQ Briefing - May 3, 2022
- Prequal Due - May 6, 2022
- RFQ Questions Due - May 17, 2022
- SOQ Due - May 31, 2022
- Shortlist Notification - June 29, 2022
- DRAFT RFP Issued - July 6, 2022
- Final RFP Issued - August 3, 2022
- Proposals Due - October 19, 2022
- Price Opening - November 30, 2022
- Anticipated NTP - January 30, 2023

## Next Steps

1

**Statements of  
Qualifications Due**  
May 31, 2022

2

**Design-Builders  
Shortlisted**  
June 29, 2022

3

**Final RFP Issued**  
August 3, 2022

4

**Proposals Due**  
October 19, 2022

5

**Anticipated NTP**  
January 30, 2023

6

**Summer 2026**  
Roadway and Bridges  
reach Full Beneficial  
Use (FBU)

**Project Cost**  
Approximately \$34,000,000

**Project Duration**  
Approximately 3½ years





## Questions & Answers

Questions on RFO write to:  
[massdot specifications@dot.state.ma.us](mailto:massdot specifications@dot.state.ma.us)





# ***Thank You***

## *RFQ Briefing*

May 3, 2022

MassDOT #607670

**Request For Qualifications Briefing Attendance List - Tuesday, May 3, 2022**

Project No. 607670 - Superstructure Replacement, B-16-067 (3GV) Maffa Way &amp; B-16-068=S-17-028 (3GW) Mystic Avenue over Orange &amp; MBTA/BMRR

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